



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: )  
Nidham BEN RACHED et al. )

Serial No.: 10/719,776 )

Filed: November 21, 2003 )

Title: METHOD FOR DETECTING A )  
SIGNAL AND RECEIVER )  
SYSTEM FOR THE )  
IMPLEMENTATION OF THE )  
METHOD )

Group Art Unit: TBA )

Examiner: TBA )

Confirmation No.: TBA )

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Stephanie Warner-Wallace

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. 1.97-1.98 the Applicants hereby submit:

(a) the attached list of prior art, which in the reasonable opinion of Applicant may be material to patentability of the claimed invention, within the meaning of 37 C.F.R. 1.56 and/or which has been cited in the Search Report prepared by the French Patent Office in a counterpart application;

(b) a copy of the Search Report, which is attached for the U.S. Examiner to know the first opinion of the French Examiner and the portions of the references found pertinent by the Examiner; and

(c) a copy of the references cited under (a).

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The Information Disclosure Statement is being filed before the mailing date of a first Office Action. Applicants believe no fee is due at this time.

If any fees are owed in connection with this communication, please charge Deposit Account No. 18-2284. (A duplicate copy of this communication is enclosed for that purpose.)

Consideration and citation of the references are respectfully solicited.

Respectfully submitted,

By: Michael L. Kenaga  
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Date February 25, 2009

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|---|---------------------------------|-----------------|
| Form PTO- 1449<br><br>U.S. Department of Commerce<br>Patent and Trademark Office<br>Information Disclosure Statement by Applicant | Att. Docket Number :            | Serial number : |
|   | 218728-000207                   | 10/719,776      |
|   | Applicant : BEN RACHED et al.   |                 |
|   | Filing date : November 21, 2003 | Group : TBA     |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |  | DOCUMENT<br>NUMBER | DATE       | PATENTEE/APPLICANT | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|--|--------------------|------------|--------------------|-------|----------|-------------------------------|
|                     |  | 6,144,709          | 11/07/2000 | Piirainen et al.   |       |          |                               |
|                     |  | 6,487,187          | 11/26/2002 | Schmutz et al.     |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  |  | DOCUMENT NUMBER | PUBLIC. DATE | COUNTRY/AGENCY | CLASS | SUBCLASS | TRANSLATION |
|--|--|-----------------|--------------|----------------|-------|----------|-------------|
|  |  | EP 0923207      | 1999-06-16   | EUROPE         |       |          |             |

## Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

|  |   |
|--|---|
|  | IN-KYUNG KIM ET AL: "Comparisons of CFAR burst detection schemes for TDMA systems employing constant modulus modulation format"   |
|  | MILITARY COMMUNICATIONS CONFERENCE, 1998. MILCOM 98. PROCEEDINGS., IEEE BOSTON, MA, USA 18-21 OCT. 1998, NEW YORK, NY, USA, IEEE, US, 1998-10-18.<br>ISBN : 0-7803-4506-1                             |
|  | TS 25.211 technical specification "Physical channels and mapping of transport channels onto physical channels (FDD)", version 5.2.0, release 5, published in September 2002 by the 3GPP organization. |
|  |   |

|   |                 |
|---|-----------------|
| Examiner  | Date Considered |
| EXAMINER : Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |